



ALTERNATIVE TO PTO/SB/332-3 (CS-03)

Substitute for form 1449/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/822594-Conf. #2867		
		Filing Date	April 12, 2004		
		First Named Inventor	Torbjörn Gärdenfors		
		Art Unit	2635		
		Examiner Name	B. A. Zimmerman		
Sheet	1	of	2	Attorney Docket Number	34650-00179USC3

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
BZ	A1	US-2002/0094037	07-18-2002	Darabi et al.
	A2	US-5,937,341	08-10-1999	Suominen
	A3	US-6,427,068	07-30-2002	Suominen
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	A5	US-2004/0038655	02-26-2004	Suominen
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	A7	US-5,003,621	03-26-1991	Gailus
	A8	US-4,653,117	03-24-1987	Heck
	A9	US-5,222,144	06-22-1993	Whikehart
	A10	US-4,852,123	07-25-1989	Bickley et al.
	A11	US-4,464,770	08-07-1984	Maurer et al.
	A12	US-5,640,698	06-17-1997	Shen et al.
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>5</sup>
BZ	B1	-JP A 07-254865	10-03-1995	Toshiba Corp.	Abstract
BZ	B2	-EP 0 742 647 A1	11-13-1996	Matsushita Electric	
BZ	B3	-WO 94/10757	05-11-1994	Data-Radio Engineering & Consulting GmbH	
BZ	B4	-WO 97/08842	03-06-1997	Pacific Communications Sciences, Inc.	
BZ	B5	-WO 98/08300	02-26-1998	Advanced Micro Devices, Inc.	
BZ	B6	-EP 0 797 292 A1	09-24-1997	Philips Electronics N.V.	
BZ	B7	-EP 1 058 396 A1	12-06-2000	Motorola, Inc.	
BZ	B8	-WO 98/17441	03-06-1998	Motorola Electronic Industrial Co., Ltd.	Abstract

\*EXAMINER: Enter information considered, whether or not citation is in conformance with MPEP 900. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
BZ	C1	D.M. BAKKER et al. "Bluetooth End to End", M&T Books, an Imprint of Hungry Mind, Hungry Minds, Inc., ISBN: 0-7645-4887-5, 7 pages	
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	C3	ING. ZDENEK MIKESKA, "Parameters of Bluetooth receiver and transmitter", January 2, 2004, Institute of Electrical Engineering and Communication, Brno University of Technology, Czech Republic, pp. 1-9	
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Examiner Signature	B. Zimmerman	Date Considered	8/29/05
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Substitute for form 1449/PTO		<b>Complete if Known</b>			
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		Application Number	10/822594-Conf. #2867		
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		First Named Inventor	Torbjörn Gärdenfors		
		Art Unit	2635		
		Examiner Name	B. A. Zimmerman		
Sheet	2	of	2	Attorney Docket Number	34650-00179USC3

<b>B2</b>	C5	BROADCOM "BCM2002X 2.4GHz Bluetooth Frac-N-Radio" Product Brief	
	C6	PIETRO ANDREANI et al., "A CMOS gm-C IF Filter for Bluetooth", in Proceedings of CICC 2000, paper 18-6, May 2000, 4 pages	
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	C19	FLOYD M. GARDNER, Chapter 8 "Phase-Locked Receivers and Transponders," "Phase-Locked Techniques" ISBN: 0-471-04294-3, April 1979	
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\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ALTERNATIVE TO PTO/BB/083a (08-03)

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	A3	US-5,802,463	09-01-1998	Zuckerman
	A4	US-5,828,955	10-27-1998	Lipowski et al.
	A5	US-5,875,212	02-23-1999	Fleek et al.
	A6	US-5,339,463	08-16-1994	Hansen
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	A9	US-5,404,589	04-04-1995	Bijker et al.
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Examiner Signature	BRIAN ZIMMERMAN			Date Considered
	PRIMARY EXAMINER			9/1/05

DALLAS2 1104515v1 34650-00179USC3

ALTERNATIVE TO PTO/BB08a/b (08-03)

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		First Named Inventor	Torbjörn Gårdenfors		
		Art Unit	2835		
		Examiner Name	B. A. Zimmerman		
Sheet	2	of	6	Attorney Docket Number	34650-00179USC3

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	A49	US-5,162,723	11-10-1992	Marzalek et al.	
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Examiner Signature	BRIAN ZIMMERMAN			Date Considered	9/1/05

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ALTERNATIVE TO PTO/BB08a/b (06-03)

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52	A99	US-4,523,328	08-11-1985	Kasperkovitz
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	A101	US-5,901,349	05-04-1999	Guegnaud et al.
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		Country Code*	Number*Kind Code* (if known)			
	B1	WO-02/35718	A2	05-02-2002	Sayers et al.	
	B2	EP-1 249 076	B1	02-18-2004	Sayers et al.	
B2	B3	EP-0 470 481	B1	10-30-1996	Wignot et al.	
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52	C1	ERICSSON, Ericsson Technology Licensing - Bluetooth, pp. 1-5; <a href="http://www.ericsson.com/bluetooth">www.ericsson.com/bluetooth</a> < <a href="http://www.ericsson.com/bluetooth">http://www.ericsson.com/bluetooth</a> >; July 23, 2004			
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Examiner Signature	BRIAN ZIMMERMAN			Date Considered	9/2/05
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Signature	PRIMARY EXAMINER	
Date Considered	9/2/05	

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ALTERNATIVE TO PTO/8808a/b (06-03)

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/822594-Conf. #2867	
			Filing Date	April 12, 2004	
			First Named Inventor	Torbjörn Gårdenfors	
			An Unit	2635	
			Examiner Name	B. A. Zimmerman	
Sheet	5	of	6	Attorney Docket Number	34650-00179USC3

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ALTERNATIVE TO PTO/88/08a/b (08-03)

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			Application Number	10/822594-Conf. #2867	
			Filing Date	April 12, 2004	
			First Named Inventor	Torbjörn Gärdenfors	
			Art Unit	2635	
			Examiner Name	B. A. Zimmerman	
Sheet	6	of	6	Attorney Docket Number	34650-00179USC3

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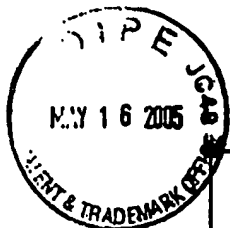
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<b>Substitute for form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	10/822594-Conf. #2867
				Filing Date	April 12, 2004
				First Named Inventor	Torbjörn Gärdenfors
				Art Unit	2635
				Examiner Name	B. A. Zimmerman
Sheet	1	of	1	Attorney Docket Number	34650-00179USC3

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>4</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
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	C1	OSCARSSON, F. et al., "Wideband HF Receiver with Digital Quadrature Splitting"; Proceedings on the Fourth International Conference on Signal Processing Applications and Technology; pp. 1267-71, 1993	
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PRIMARY EXAMINER

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